

2. A rotating centrifuge for decanting lighter material from heavier material from a mixture of initial material, the centrifuge comprising:

5 a baffle engaging said body, said baffle having a longer inner tube having an interior and a distal end, and a shorter outer tube, said longer tube positioned inside said shorter tube and defining an inner space therebetween;

an end cap engaging said second end of said arm to form a chamber in said arm, said end cap attached to said central body by a through-bolt extending from said end cap to said central body, and clamping said baffle and said hollow arm between said end cap and said central body;

an entrance path for the mixture of initial material formed
20 in said housing and communicating with said inner space;

an exit path for said light material formed in said housing and communicating with said outer space; and

an exit path for said heavier material formed in said housing and including the interior of said longer tube.

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